

## SECTION 07901 - JOINT SEALANTS

## A. SUMMARY

1. Exterior Joints in Vertical Surfaces and Nontraffic Horizontal Surfaces:
  - a. Cast-in-place concrete.
  - b. Between architectural precast concrete units.
  - c. Control and expansion joints in unit masonry.
  - d. Between concrete, precast concrete.
  - e. Perimeter joints between concrete, precast concrete, and frames of doors and windows.
  - f. Ceiling and overhead surfaces.
2. Exterior Joints in Horizontal Traffic Surfaces:
  - a. Cast-in-place concrete slabs.
  - b. Between architectural precast concrete paving units.
3. Interior Joints in Vertical Surfaces and Horizontal Nontraffic Surfaces:
  - a. Exposed interior surfaces of exterior walls.
  - b. Perimeter joints of exterior openings.
  - c. Between tops of masonry walls and underside of concrete slabs and beams.
  - d. Vertical control joints on exposed surfaces of unit masonry and concrete walls.
  - e. Underside of precast beams and planks.
  - f. Perimeter joints between interior wall surfaces and frames of interior doors, and windows.
4. Interior Control and Expansion Joints in Horizontal Traffic Surfaces:
  - a. Cast-in-place concrete.

## B. QUALITY ASSURANCE

1. Preconstruction compatibility and adhesion testing.
2. Product testing.
3. Preconstruction field testing.
4. Construct mockups.

## C. MATERIALS

1. Elastomeric Sealants: [**Polysulfide**] [**Neutral-curing silicone**] [**Acid-curing silicone**] [**Urethane**].

2. Solvent-Release-Curing Sealants: [**Acrylic**] [**Butyl**] [**Pigmented narrow joint**].
3. Latex Sealants: [**Acrylic emulsion**] [**Silicone emulsion**].
4. Acoustical Sealant: [**Latex**] [**Synthetic rubber**].
5. Butyl-based tape sealant.
6. Preformed foam sealant.
7. Joint Sealant Backing: [**Plastic-foam filler**] [**Elastomeric tubing**] [**Bond-breaker tape**].

D. JOINT SEALANT SCHEDULE

1. <Insert requirements for each type of sealant.>

END OF SECTION 07901